



ABSTRACT

An improved sliding bearing system for railroad
5 locomotives having pedestal legs includes a channel-
shaped unit of a wear resistant thermoplastic, including
a base and two upstanding flanges ported with mounting
apertures, plus two inserts ^{made of} strips of a more resilient
thermoplastic, with one of the inserts mounted in the
10 base adjacent to one of the flanges and the other insert
mounted in the base adjacent to the other flange, so they
are operable to compress and expand under loading
variations, along with fastening members with undersized
bosses relative to the diameter of the apertures in the
15 flanges, operable to secure the unit to the pedestal leg
in a manner that its flanges will slip on the associated
pedestal leg under loading variations to accommodate the
resiliency of the inserts, enabling the unit to shift on
the face of the leg to better distribute the loading on
20 the unit more uniformly, whereby the service life of the
unit is extended.